Data and Privacy File Guides

Apple Media Services: Apple Music Library Activity

January 2022

File name

Apple Music Library Activity.json

File description

This file contains information about all of the user's actions that change the user's iCloud Music Library.

Why Apple keeps this information

Apple retains this information in order to provide 'undo' support in data corruption scenarios, to debug and support user iCloud Music library issues, to provide users a better personalized experience, and to maintain and improve associated products and services.

Field Name	Details
Transaction Type	Type of action from the following list: optInUser - A user has opted in to apple music libraries via subscription, iTunes Match, or changes to storefront. optOutUser - A user has opted out of apple music libraries via subscription, iTunes Match, or changes to storefront. addItem(s) - Items were added to your library deleteItem(s) - Songs or Videos were deleted from your library updateItem(s) - Existing items were updated in your library addContainer(s) - Playlists were added to your library deleteContainer(s) - Playlists were deleted from your library deleteUserContainer - This is a transaction type associated with curator playlist deletion replaceContainerItems - Songs or Videos were replaced in a playlist. appendContainerItems - Songs or Videos were added to the end of a playlist removeContainerItems - Songs or Videos were removed from a playlist updateContainer - A playlist's metadata or tracks have been updated. updateUser - updates have been made to user information, some of which are internal. updateUserForMigration - an internal transaction type used as part of a data migration, which is no longer used. subscribeToPlaylist - A user has subscribed to a shared playlist deleteUser - a transaction type used in the deletion of users or in case a subscription has lapsed resulting in data deletion doMigration - an internal transaction type used as part of a data migration which is no longer used. fixupLibrary - a transaction type used to fix various data issues addBrandOwnedSharedPlaylist — a transaction type used in the creation of curator playlists. setProfileContainerIDs - a transaction type used to set playlist ids on your profile.
Transaction Identifier	Identifier for the action within the user's library

Field Name	Details
Transaction Date	Date and time at which the action occurred
UserAgent	Information about the user's device from which the action occurred, including information about the operating system and browser
Country	The country from which the action occurred, where available
Language	The language in which the action occurred, where available